

# ISSUE BRIEF (Teeb Meem Qhia Tawm)

Siv tshuaj ntau tshaj ua rau tag sim neej muaj ntau zuj zus tuaj nyob hauv Milwaukee County, qhov ntau yog siv cov

## KEEB KWM

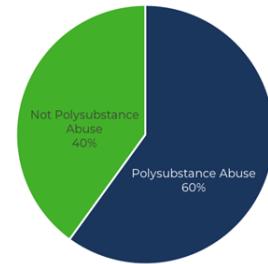
**K**ev siv tshuaj ntau tshaj ua rau tag sim neej muaj ntau zuj zus tuaj nyob teb chaws As Mes Liv Kas txij xyoo 1990. Nyob hauv Milwaukee County, Wisconsin, txij 2015 txog 2020, muaj 2,129 tus neeg tau tag sim neej vim siv tshuaj ntau tshaj (1). Ntau tshaj plaws, yog xyoo 2019, muaj 418 tus neeg siv tshuaj ntau tshaj ua rau tag sim neej (1), thiab txij lub 1 Hlis Ntuj txog 7 Hli Ntuj xyoo 2020, muaj 329 tus neeg tau tag sim neej (1). Lub chaw ua hauj lwm Milwaukee County Medical Examiner kww yees hais tias yuav muaj tag nrho thaj tsam 473 tus neeg tag sim neej rau kev siv tshuaj ntau tshaj rau xyoo 2020; uas nce txog 13% nyob rau hauv 1 lub xyoo dhau los.

Ib qho ua rau neeg tuag coob rau kev siv tshuaj ntau tshaj yog siv cov ntshuaj Fentanyl ntau ntxiv tuaj nyob hauv Milwaukee County, ob peb xyoo dhau los kev siv cov tshuaj Fentanyl ntau tshaj ua rau tag sim neej nce ntau heev. Xyoo 2015, tsawg tshaj 1 tug ntawm 10 tus neeg (8%) ntawm 254 tus neeg siv tshuaj ntau tshaj ua rau tag sim neej yog siv cov tshuaj Fentanyl, tab sis xyoo 2020, nyob rau hauv 7 lub hlis nkaus xwb muaj thaj tsam 3 tus ntawm 4 tus neeg (73%) ntawm 329 tus neeg tag sim neej yog siv cov ntshuaj Fentanyl (1). Fentanyl yog ib hom tshuaj siv kom tsis txhob hnov tus mob uas muaj ceem txog 80-100 zaug ntawm cov tshuaj morphine thiab yeej muaj ntev tshaj 50 xyoo lawm (2). Tsis ntev los no, muaj neeg ua cov tshuaj Fentanyl thiab muag tsis raug kev cai ib yam nkaus li cov tshuaj heroin (3). Cov tshuaj Fentanyl yog muab cov tshuaj cocaine thiab heroin los sib tov ua ib hom tshuaj, tej thaum cov neeg siv tsis paub hais tias muaj cov tshuaj Fentanyl nyob rau hauv.

Ib qhov kev txhawj xeeb ntxiv uas Milwaukee County tab tom ntsib, thiab twb ntsib 5 lub xyoo dhau los, yog kev siv 2-3 yam tshuaj ua ke (Polysubstance) ua rau neeg tag sim neej. Polysubstance txhais tau tias siv 2-3 yam tshuaj ua ke. Txij xyoo 2015, ntau tshaj 6 tus ntawm 10 tus neeg siv tshuaj ntau tshaj ua rau tag sim neej siv ntau tshaj 1 hom tshuaj uas teev nyob rau hauv daim ntawv qhia hais tias vim li cas thiaj tag sim neej, raws li pom nyob rau daim duab thib 4.



Nyoo 2020, 3 tus ntawm 4 tus neeg siv tshuaj ntau tshaj ua rau tag sim neej siv tshuaj Fentanyl.



Txij xyoo 2015, thaj tsam 60% ntawm cov neeg siv tshuaj ntau tshaj ua rau tag sim neej siv 2, 3 hom tshuaj ua ke uas teev nyob hauv daim ntawv qhia hais tias vim li cas thiaj tag sim neej.

## KEV SIV TSHUAJ NTAU TSHAJ NYOB NTAWM TEJ

Feem coob ntawm cov neeg siv tshuaj ntau tshaj yog cov txiv neej dawb hnub nyug 25-54. Thaj tsam 2 tus ntawm 3 tus neeg tag sim neej yog txiv neej. Peb haiv neeg siv tshuaj ntau tshaj ua rau tag sim neej yog neeg Dawb, Dub thiab Hispanic. Muaj 10,000 tus neeg hauv Milwaukee County, 22 tus yog Dawb, 21 tus yog Dub thiab 12 tus yog Hispanic. Kawg no, 3 pab neeg tag sim neej coob tshaj yog hnub nyug 25-34 (26%), 35-44 (23%), thiab 45-54 (23%). Qhov nod txhais tau hais tias tshaj 70% ntawm cov neeg siv tshuaj ntau tshaj ua rau tag sim neej yog cov muaj hnub nyug 25 txog 54 xyoos. Qhov teeb meem no yeej tsis hloov nyob rau hauv 5 lub xyoos dhau los.

### Haiv Neeg/Xeem Neeg

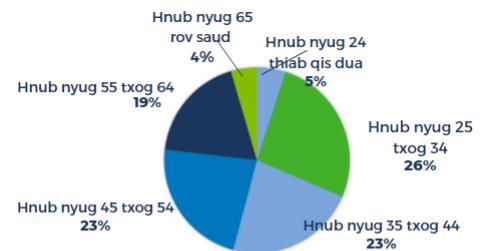
Cov neeg noj tshuaj ntau tshaj ua rau tag sim neej ntawm 10,000 tus nyob hauv Milwaukee County 2015-2020



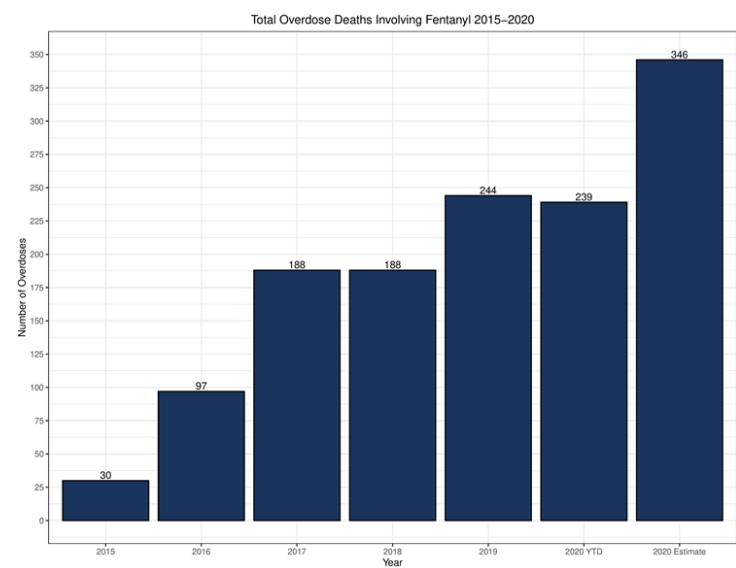
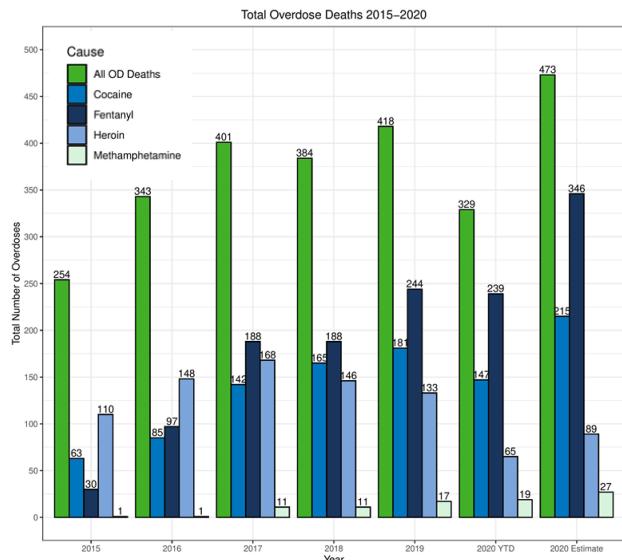
All other racial/ethnic groups were less than 1% of overdoses



Noj tshuaj ntau tshaj yog Txiv Neej

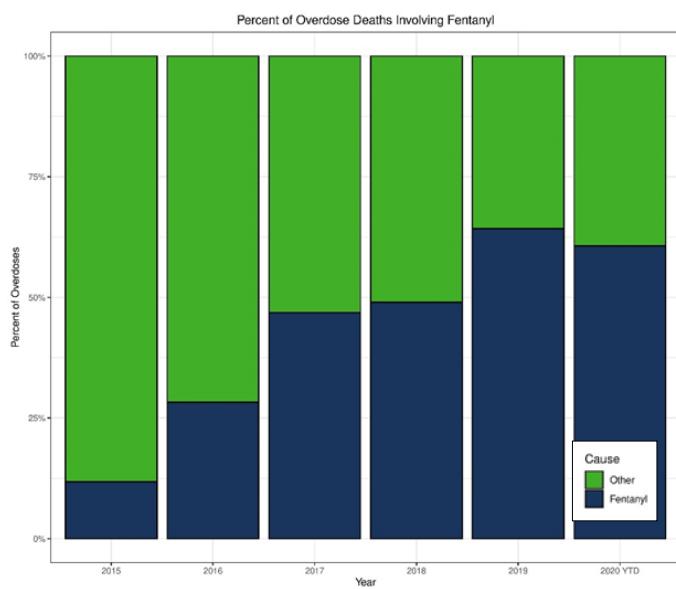


# EXPLORING THE DATA (Cov Ntaub Ntawv)

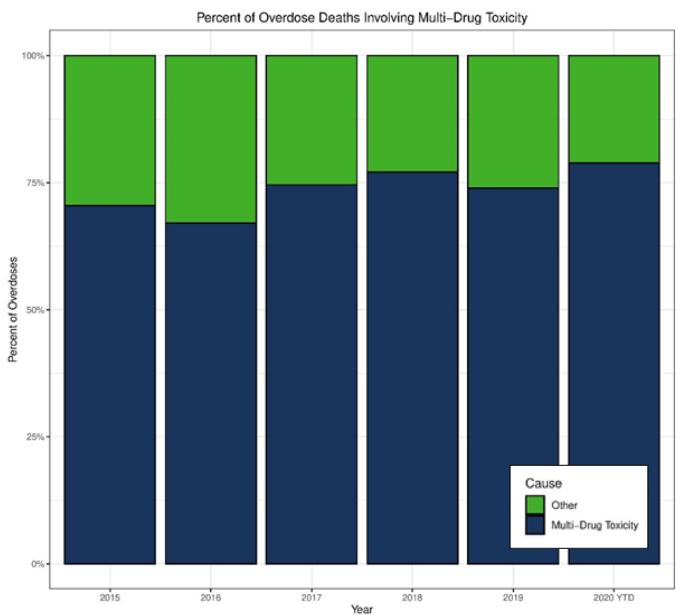


**Daim duab 1:** Tus nab npawb rau tag nrho cov neeg siv tshuaj ntawv rau tag sim neej thiab siv hom tshuaj twg: **Cocaine, Fentanyl, Heroin, thiab Methamphetamine, siv ib hom xwb los yog siv nrog lwm hom txij 2015–2020 nyob hauv Milwaukee County.** Feem ntawv rau tag sim neej thiab siv heev tshuaj rau xyoo 2016. Nco ntsoov: ntawv rau xyoo 2020 tsuas muaj txog rau lub 7 Hli Ntuj xwb, yog li ntawd tus nab npawb kww yees tag nrho rau xyoo 2020 muab ua ke nrog.

**Daim duab 2 :** Tus nab npawb rau cov neeg siv tshuaj **Fentanyl ntawv tshuaj ntawm cov neeg siv tshuaj ntawv rau tag sim neej, siv ib hom xwb los yog siv nrog lwm hom thiab, txij 2015–2020 nyob hauv Milwaukee County.** Nyob rau lub 7 Hli Ntuj 2020, muaj 239 tus neeg siv Fentanyl ntawv rau tag sim neej, uas yuav ntawv rau xyoo 2019. Nco ntsoov: ntawv rau xyoo 2020 tsuas muaj txog lub 7 Hli Ntuj xwb, yog li ntawd tus nab npawb kww yees tag nrho rau xyoo 2020 muab ua ke nrog.



**Daim duab 3:** Feem pua ntawv cov neeg siv tshuaj ntawv rau tag sim neej txij 2015–2020 uas yog siv Fentanyl nyob hauv Milwaukee County. Xyoo 2019 thiab 2020 muaj tshuaj 50% ntawm cov neeg siv tshuaj ntawv rau tag sim neej siv Fentanyl, xyoo 2015 muaj tshawg tshuaj 25%, nce los ntawv rau xyoo 2020 tsuas muaj txog lub 7 Hli Ntuj xwb, yog li ntawd tus nab npawb kww yees tag nrho rau xyoo 2020 muab ua ke nrog.



**Daim duab 4:** Feem pua ntawm cov neeg siv tshuaj ntawv rau tag sim neej 2015–2020 uas siv ntawv rau tag sim neej thiab siv ib hom tshuaj nyob hauv Milwaukee County. Nyob hauv Milwaukee County, thaj tsam 75% ntawm cov neeg siv tshuaj ntawv rau tag sim neej thiab siv ib hom tshuaj. Nco ntsoov: ntawv rau xyoo 2020 tsuas muaj txog lub 7 Hli Ntuj xwb, yog li ntawd tus nab npawb kww yees tag nrho rau xyoo 2020 muab ua ke nrog.

## COV KWS TXUJ HAIS LI CAS

Cov ntaub ntawv hais txog kev siv tshuaj ntau tshaj hauv Milwaukee County txhawb rau qhov cov kws txuj hauv zej zog uas ua hauj lwm rau phab kev tiv thaiv thiab kho cov neeg siv tshuaj tshaj uas lawv tau pom. Peter Brunzelle, tus thawj tswj (executive director) ntawm WisHope, ua hauj lwm nrog cov neeg siv tshuaj tshaj tau ntau xyoo. Nws hais tias, "Peb ntsib ib qhov teeb meem loj uas yuav daws tsis txawj tas." Txhais tau tias, txawm hais tias ib tug muaj teeb meem txog kev siv tshuaj, los yog ho muag ua rau muaj teeb meem, tus neeg ntawd yuav hloov mus siv hom tshuaj uas muaj. Ib qhov piv txwv uas pom yog cov tshuaj Fentanyl, pom nyob rau daim duab 1, 2 thiab 3, kev siv heroin ua rau tag sim neej t xo lawm, tab sis kev siv cov tshuaj Fentanyl ua rau tag sim neej tab tom nce ceev heev li. Raws li Mr. Brunzelle, tsis yog hais tias pom siv cov tshuaj Fentanyl nrog lwm yam tshuaj yuav luag txhua zaus xws li xas mus txog cocaine, tab sis "thaum koj txog rau teem ua siv heroin lawm, koj yuav siv hom twg los tau" kom pab tau, xws li Fentanyl, txawm yeej paub zoo lawm hais tias yuav ua rau kom muaj kev puas tsuaj.

Amy Molinksi, ib tug Peer Support Specialist ua hauj lwm nyob ntawm Community Medical Services (CMS) thiab koom nrog Milwaukee Overdose Response Initiative (MORI), hais tias zo li kev siv tshuaj yeej yuav nce txawm hais tias tus neeg siv ntawd yuav tsis siv nyiaj tshaj. Amy twb zoo txij xyoo 2010 lawm, nws hais txog qhov tseeb ntawm ib tug neeg muaj teeb meem txog kev siv tshuaj tshaj, (tej thaum) thaum ib tug neeg siv tshuaj nt au tshaj lawm, lwm cov neeg xav tau yam lawv muaj; qhov siv tshuaj nt au tshaj txhais tau hais tias nws yuav "ib yam zoo". Qhov teeb meem uas siv tshuaj tshaj tsis paub tu qab, thaum cov neeg nyob rau qhov xwm txheej zoo li no lawm yuav ua rau lawv nrhiav tshuaj Fentanyl thiab 2,3 hom ntxiv.

Dr. Julie Doniere, MD ua hauj lwm rau Emergency Medical Specialists thiab ua hauj lwm tau 24 xyoos qhia txog tej yam tswm sim nyob hauv chav ER. Piv txwv, "kev siv tshuaj nt au tshaj tsis yog muaj txhua hnub tab sis txhua teev." Dr. Doniere kuj pom kev siv Fentanyl nt au tshaj nce lawm thiab. Thaum nrog cov neeg mob tham txog kev siv tshuaj tom qab qhov teeb meem lawm, cov neeg mob ceeb hais tias muaj Fentanyl nyob hauv cov tshuaj lawv siv, uas tsis yog cov tshuaj opioids xwb, tab sis yog cocaine thiab.

## DAB TSI UA RAU MUAJ KEV SIV TSHUAJ NTAU TSHAJ UA RAU MUAJ

Muaj ob peb yam ua rau thiaj muaj kev siv tshuaj nt au tshaj ua rau muaj teeb meem, xws li:

1. Teeb meem pib los ntawm noj cov tshuaj loog nt au tshaj, tab sis ob peb xyoos dhau los no pib muaj cov tshuaj heroin thiab cov tshuaj synthetic opioids uas pheej yig heev tuaj, xws li Fentanyl, uas xa nyob lwm teb chaws tuaj (4).
2. Heroin yog cov tshuaj txhaum cai uas siv nt au tshaj los tau nt au xyoo lwm. Cov tshuaj no muaj nt au heev nyob rau As Mes Liv Kas Teb es ua rau tus nqi luv los nt au heev lawm txij li nrab xyoo 2010 uas yog 1 feem 3 ntawm tus nqi nyob rau xyoo 1980. Tab sis, xyoo 2018, kev siv tshuaj heroin ua rau tag sim neej t xo lawm, raws li lub koom haum Centers for Disease Control and Prevention (CDC) (4).
3. Peter Brunzelle thiab Amy Molinski nkawd ob leeg hais txog kev siv cov tshuaj no yog ib qhov teeb meem loj. Qhov pov thawj, tam sim no yeej nrhiav tau yuav luag txhua yam tshuaj nyob hauv internet thiab tej zaum tseem nyob ntawm ib cov neeg ze yus thiab.
4. Dr. Julie Doniere xav kom neeg paub hais tias (feem nt au) kev siv tshuaj nt au tshaj TSIS YOG txhob txwv. "Siv tshuaj nt au tshaj tshwm sim txhua hnub... txhua teev." Qhov tseem ceeb peb yuav tau hloov txoj kev xav phen txog kev siv tshuaj thiab qhov ua teeb meem tshwm sim hais tias yog ib txoj kev xaiv, es lees paub hais tias yog ib tug kab mob. Kev siv tshuaj nt au tshaj yog ib tug mob, tsis yog ib txoj kev xaiv.

## QHOV UA KOM MUAJ KEV SIV TSHUAJ NTAU UA RAU TAG SIM NEEJ TAU

Xyoo 2015-2020, Milwaukee County pom neeg siv tshuaj nt au tshaj ua rau tag sim neej nce nt au heev uas yog siv tshuaj Fentanyl. Qhov ua rau muaj teeb meem xws li:

1. Suav Teb ua cov tshuaj fentanyl nt au tshaj plaws, uas xa tuaj rau Teb Chaws Mexico es mam nkag los rau As Mes Liv Kas Teb. Txawm hais tais nom tswv Suav muaj tej cov cai los tswj cov tshuaj Fentanyl thiab lwm yam tshuaj txhaum cai los, zoo li cov chaw ua tshuaj tsis raug cai nrhiav lwm txoj hauv kev los tsim ib cov tshuaj tshiab sai tshaj qhov lawv yuav tswj tau (4).
2. Kev siv tshuaj Fentanyl tsis sib thoob As Mes Liv KasTeb . Muaj 2 hom heroin: daim dub (black tar) thiab cov hmoov dawb (white powder Colombian). Tshuaj Fentanyl yuav muab zais tau yooj yim rau hauv cov hmoov dawb tab sis tsis yooj yim rau daim dub.
3. Raws li Dr. Julie Doniere, MD, teeb meem yog qhov xa tawm, tsis yog qhov puas muaj neeg yuav. "Neeg yuav los ntawm cov neeg lawv ib txwv yuav, tab sis lawv tau lwm yam tshib," tej yam lawv tsis npaj hais tais yuav tau. Dr. Doniere thiab Amy Molinski nkawd ob leeg muab tej qhov piv txwv uas ua hauj lwm nrog cov neeg mob uas lawv lees hais tias siv cocaine, tab sis thaum kuaj tau no yog siv tshuaj Fentanyl.

## COV LUS POM ZOO

Raws lis cov ntaub ntawv qhia nyob rau ntawm no, City of Milwaukee Health Department pom zoo kom ua raws li cov lus teev nram qab no:

1. Tseem ceeb heev uas txhua tus neeg yuav tau muaj cov tshuaj naloxone. Naloxone yog ib hom tshuaj yuav ntau tau cov tshuaj noj tshaj kom tawm los. Yog li ntawd, muaj nyob rau ntawd thiab siv tau yooj yim yuav cawm tau txoj sia.
2. Tsis txhob ua kom raug mob yog ib qhov tseem ceeb uas ib Yam li yuav kho kom tsis txhob muaj tus cwj pwm phem. Ib qhov piv txwv yog cov Fentanyl strips (cov pas ntsuas). Vivent Health, uas ua hauj lwm txog cov khoob txhaj tshuaj hauv Wisconsin tau tshaj 25 xyoos, qhia hais tias cov neeg siv cov strips nyob hauv Wisconsin muaj tshaj 65% siv Fentanyl, qhov nod muaj tshuaj Heroin, Methamphetamine, Cocaine thiab lwm yam tshuaj.
3. Raw li cov ntaub ntawv hauv U.S. government mental health resource, teeb meem txog mental health thiab kev siv tshuaj tshuaj tshaj tej zaum kuj tshwm sim ua ke (5). Tus mob mental health thiab kev siv tshuaj ntau tshaj feem ntau yog tshwm sim ua ke thiab yuav tau muaj kev kho los pab rau. Kev siv tshuaj ntau tshaj tsis xam hais tias yog kev mob mental health tab sis yog lwm yam, yog ib tug mob uas tshwm sim ua ke es yuav tau muaj kev kho pab rau. Nws tseem ceeb heev uas neeg yuav tau nkag siab hais tias yog kho tus mob mental health tab sis tsis kho tus mob siv tshuaj yuav kho tus mob tsis tas. Ntau tshaj 1 tug neeg laus muaj mob mental health loj yeej muaj teeb meem siv tshuaj ntau tshaj. Yuav tau saib xyuas txoj kev noj qab haus huv kom tag nrho, tshwj xeeb kev mob mental health. Dr. Doniere hais, “Peb nyob rau lub neej ua tsis muaj kev cia sia li lawm, muaj ntau yam tswm sim, thiab (kev siv tshuaj ntau tshaj ua rau muaj teeb meem thiab ua rau neeg tau tag sij neej) yog ib qho qhia tau hais tias kev khom tus mob mental health t xo lawm.”

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## MUAB COV LUS QHOV TWG LOS

1. Milwaukee County Medical Examiner – Overdose Data
2. <https://www.dea.gov/factsheets/fentanyl>
3. <https://www.cdc.gov/drugoverdose/opioids/fentanyl.html>
4. <https://www.cfr.org/backgrounder/us-opioid-epidemic>
5. <https://www.mentalhealth.gov/what-to-look-for/mental-health-substance-use-disorders>

**Nco ntsoov:** Cov ntaub ntawv muab qhia no yog muab los ntawm Milwaukee County Medical Examiner lub chaw ua hauj lwm. Tej zaum cov ntaub ntawv qhia tawm yuav qeeb vim hais tias muaj neeg muaj mob COVID-19 nyob rau hauv qhov kev npaj (system), thiab cov ntaub ntawv yuav hloov me ntsis mus raws lub sij hawm. Cov lus qhia txog Haiv Neeg thiab Pab Pawg Neeg nyias muaj nyias hom nyob hauv cov ntaub ntawv mus rub los siv. Nyob rau qhov kev qhia, ib tug neeg yog Hais Neeg dab tsis thiab Pab Pawg Neeg twg yog xub xyuas los ntawm Haiv Neeg (seb yog Hispanic/Latino) ces mam mus rau Haiv Neeg. Qhov kwv yeej rau xyoo 2020 yog muab los ntawm cov neeg paub tias tau tag sim neej nyob rau hom twg, faib rau tus nab npawb txij thaum lub 1 Hlis Ntuj los, ces muab khoo rau 12 lub hlis (qhov nod tej zaum yuav xam tsis tag cov neeg siv tshuaj ntau tshaj ua rau tag sim neej rau qhov tseem tsis tau xam cov nab npawb uas tsis tau muab los xam nrog).

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**Daim ntawv no npaj los ntawm:** Courtney Geiger, MPH; Amanda Richman, MPH; Griselle Torres, DrPH, MPH, MSW.

